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Phocæna brachycium, The Northern Porpoise.

Delphinus clymene, Dolphin.

——— *tursio*, Black Dolphin.

Hyperodon semijunctus, sp. nov., Southern Bottle nose.

The remaining species are as yet undetermined.

He also alluded to the existence of several species of White Whales, probably confounded hitherto, owing to their uniform coloration. Similar uniformity exists in various genera, as *Corvus*, *Chasmarhynchus*, etc. A species brought by Dr. I. I. Hayes, from Upernavik, was called *B. rhinodon*, and a large one presented by Dr. E. K. Kane was characterized under the name *B. concreta*.

Dr. I. I. Hayes stated that the two skulls, mentioned by Prof. Cope as belonging to the genus *Beluga*, brought by him from Greenland, were obtained from the Governor of Upernavik, as those of the White Whale. He also observed, that during his voyage he had seen the White Whale abundantly as far north as 78° N. lat.

December 19th.

The President, DR. BRIDGES, in the Chair.

Twenty-nine members present.

Prof. E. D. Cope exhibited some large, fresh specimens of *Accipenser serotinus* Raf., *Scaphirhynchops platyrhynchus*, *Polyodon folium*, and *Bubalichthys taurus* from the Ohio. In regard to the geographical distribution of fishes, he alluded to the species of the streams of the low lands of late formation near the coast in New Jersey, Delaware, and southward, as being to a considerable extent different from those of the streams which descend through the rolling country which lies between this and the first ridges of the Alleghenies,—a distribution repeating points observed among the plants. The characteristic types are—

Ambloplites pomotis,

Bryttus obesus,

——— *chaetodon*,

Apeltes quadracus,

Hololepis erochroüs,

Aphredoderus sayanus,

Melanura annulata,

Hybognathus procne,

and certain species of *Cyprinodontidæ*. *Stilbius americanus* and *Moxostoma oblongum* find a most congenial habitat in these sluggish streams, though common species of the upper country; but the *Exoglossum*, *Rhinichthys*, *Semotilus*, (= *Ceratichthys*) are wanting, or very rare. *Esox reticulatus* is most especially abundant.

Of the list given, the *Hybognathus* occurs in still coves about dams in the hill country, and *Bryttus chaetodon*, he was informed by J. Burke, had been taken in a pond near Bristol, Pa., near the Delaware. Other than these he knew of no example of the above species occurring in the upper country.

December 26th.

The President, DR. BRIDGES, in the Chair.

Twenty-three members present.

On report of the respective Committees, the following papers were ordered to be published :

[Dec.